



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the First Tuesday of each month.

2014 PUBLIC SERVICE EVENTS

Relay for Life (Cary, Apex and Morrisville): May 17

NC TOUR de CURE: May 17-18

Special Olympics NC Summer Games 2014: May 30-31

MS Ice Cream Ride: June 21

Firecracker 50/100K: July 4

Velo4Yellow: July 19

Cup 'n' Cone Tour: July 26

Tour D'Orange: Aug. 2

Bikefest: 2014: Aug. 9

Blue Ridge Breakaway: Aug. 16

Bike MS New Bern: Sep. 6-7

Raleigh CF Cycle for Life: Oct. 11

PPD Beach 2 Battleship Triathlon: Oct. 25

Interested in helping? Visit <http://www.rars.org/public-service.php> for more information.

RARS General Meeting

What: "VU7AG Lakshadweep Island 2003 DXpedition"
by Krish Kanakasapathi W4VKU

Date: Tuesday, May 13, 2014

Time: Meeting at 7:30 p.m.
Informal gathering and refreshments from 7-7:30

Where: Ridge Road Baptist Church, 2011 Ridge Rd., Raleigh

Have an idea for a meeting? Email the RARS Vice President!

Field Day 2014: Team Captains Still Needed!

*By Dennis Keith, NC4DK
2014 RARS Field Day Chair*

The 2014 edition of ARRL Field Day is coming on June 27-29. For those who are not familiar, Field Day is an annual event in which hams set up emergency portable stations "off the grid" for a 24-hour real-time exercise in disaster communications.

With an already active tornado season upon us, this will be a great opportunity to test your skills and plan for an emergency station of your own. RARS will return this year to the farm of Jim and Beth Carroll, N4CAE and KF4QMR, outside of Apex.

See **Field Day 2014**, p. 8

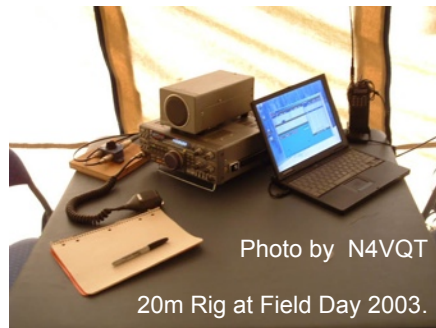


Photo by N4VQT

20m Rig at Field Day 2003.

Order Your T-Shirt Today!

RARS Tee shirts for Field Day 2014 are still on sale. Grab yours now before the **deadline of May 19**. The more we order, the cheaper they will be. Right now they are estimated to cost \$15-20 each.

All the info you need is on the Custom Ink website. Dozens of colors to choose from and almost every size imaginable. Visit <http://rars.org/FD2014Tshirts.php> for more information and to order yours today.



CustomInk.com

RARS Officers

PRESIDENT

Candy Orr
NC4CJ
919.217.7734
cjorr@bellsouth.net

VICE PRESIDENT

Tom Lewis
N4TL
n4tl@arri.net

SECRETARY

Bob Chew
KI4YXM
919.782.5778
rlchew@mindspring.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
ke4pax@arri.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).



Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: **Second** Tuesday of each month

Location: **Ridge Road Baptist Church**

2011 Ridge Road
Raleigh, NC, 27607

Time: People begin arriving at 7 p.m.
The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the **first** Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing in May, August and November (location to be announced); the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

Message from the President

Hello to all of you!

I was delighted to see so many familiar faces at the RARSFest, which was held on April 19. I wish to extend my sincere thanks to those of you who donated your time to one or more of the teams that support RARSFest.

We could not have provided such a diversity of opportunities to attendees if you had not pitched in to help. I hope that everyone who volunteered also took time to experience RARSFest as an attendee.

Any insights you can provide relative to the experience of a RARSFest attendee are helpful to the RARSFest planning team. But hurry...the next RARSFest will take place on Saturday, April 4, 2015!

73,
CJ, NC4CJ

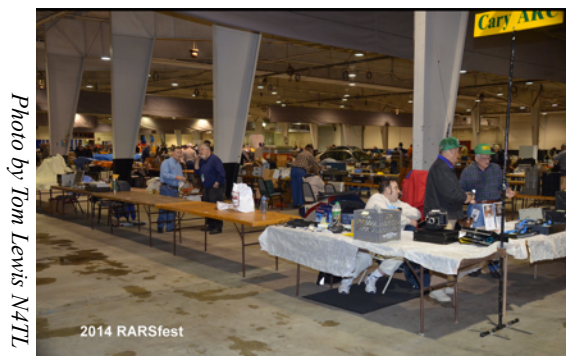


Photo by Tom Lewis N4TL

RARSFest 2014: For additional pictures, see p. 5 or visit <https://www.flickr.com/photos/97551557@N08/sets/72157644279387524/>



2014 RARSfest, left to right
Ella, grand-daughter of AK4RJ,
Sarah KJ4WZD, and Joanne AK4RJ

Photo by Tom Lewis N4TL

April Birthdays

| | | |
|----------|--------|-------|
| Ron | KJ4DNS | 05/04 |
| John | KJ4JAS | 05/04 |
| Liz | KO4CK | 05/05 |
| Larry | W4WIV | 05/05 |
| Larry | KG4FIQ | 05/05 |
| John | K3RHJ | 05/06 |
| Wayne | K6TWX | 05/08 |
| Hank | K4HM | 05/08 |
| Brian | KA9QJT | 05/10 |
| Nancy | KB1HIX | 05/10 |
| Bob | NC1X | 05/11 |
| Chuck | AE4CD | 05/12 |
| Wally | NC1NC | 05/15 |
| Cam | KU4VY | 05/17 |
| Chris | KE4TMO | 05/17 |
| Frank | W4NPN | 05/17 |
| Larry | K1ZW | 05/20 |
| Bill | AK4BL | 05/20 |
| Bob | KB4RGC | 05/21 |
| Joe | K4UOO | 05/24 |
| Fred | NC4FB | 05/26 |
| Courtney | KI4HOS | 05/27 |
| Marvin | KK4TTL | 05/27 |

New RARS Members

There are 17 newly licensed members who received complimentary membership after passing the license exam at a RARS test session.

May New Members

| | |
|-------------------------|------------|
| Lisa Solomon* | KM4AMW |
| Pam Cason* | KM4AMS |
| Manny Garcia | K4KBM |
| William Strickland | KK4ZKS |
| Tommy Strickland | KK4OIH |
| Matt Gray | KB3HAW |
| Bill Ellington | K4MWB |
| Jack Murray | No License |
| Doug Eubanks, Jr | K1DUG |
| Chris Bollinger | KK4UGX |
| Richard Kroeger | N1FUA |
| Gregory Stopka | KM4ASB |
| Zachary Flatt | No License |
| Matthew Gibson | KM4AMQ |
| Jesse Bradley IV | KM4AMR |
| Charles Good | KM4AMT |
| Ben Johnson | KM4AMU |
| Shawn Savage | KM4AMV |
| Brad Truelove | KM4AMX |
| Cecil Boyd | KM4ARS |
| Edmond Badham | KM4ARV |
| Leroy Bunn, Jr | KM4ARW |
| Jason Mann | KM4ARX |
| Tom McLaughlin | KM4ARY |
| Jerry Pearce | KM4ARZ |
| Michael Ramsay | KM4ASA |
| Richard von Furstenberg | KM4ASD |

Note: Lisa Solomon and Pam Cason were listed in April, but they now have a license.

2014 Hamfests & Conventions

10th Annual Rockingham Cty Swapfest | May 10

Location: Reidsville, NC

Website: <http://www.rcarc.com>

DurHamFest | May 24

Location: Bahama, NC

Website: <http://dfma.org>

DurHamFest | May 24

Location: Bahama, NC

Website: <http://dfma.org>

Winston-Salem Classic Hamfest | June 7

Location: Winston-Salem, NC

Website: <http://www.w4nc.com>

29th Annual Firecracker Hamfest | July 12

Location: Salisbury, NC

Website: <http://www.rowanars.org>

Mid-Summer Swapfest | July 19

Location: Cary, NC

Website: <http://www.qsl.net/n4nc>

N.C. State Convention (Shelby Hamfest)| Aug. 30

Location: Shelby, NC

Website: <http://www.shelbyhamfest.org>



RARSFest VE Test Session

By Joe (WA4GIR) and Liz (KO4CK) White

The 2014 RARSFest VE test session was not as busy as the past two. That is not to say we weren't at all busy because we certainly were. The weather could have been a contributing factor. Last year we processed 62 individuals and this year we had only 37. We administered a total of 55 exam elements.

After the session, we had seven new Extras, 15 new Generals, and 11 new Technicians. One person missed going from unlicensed to Extra by only two questions. He was quite happy to become a General Class, though, and will study a bit more. I'm sure he will be an Extra soon.

Only four people went away disappointed that they did not get what they tested for. That was down from 14 last year, so that is good.

We started the session at 9:00 a.m. and finished up around 11:00 a.m. Many thanks to our dedicated team for doing their usual outstanding job and getting everyone processed in a timely manner.

The team included Fred Breidt (AG4WE), Cliff Broughton (W4FT), Chuck Cavey (AK4GV), Charles Galloway (W4DBI), Chuck Hall (AE4CD), James Masiat (WH6JQ), Dennis Mason (AJ4HK), Julie Royster (KT4JR), Larry Royster (K4MWE), Lowell Sayles (K4EUP), and Philip Snyder (NC4UK).

We are fortunate to have such a great VE team. We strive to make the experience a pleasant one for those taking exams.

Tidbits from RARSFest 2014

Below are prize winners for RARSFest 2014. Prizes not picked-up have been mailed.

| | |
|--------------------|----------------------|
| Pre-Registration: | Gerald Agliata W2GLA |
| 11 a.m. Prize | Ben Triffin KJ4DEM |
| 12 p.m. Prize | Tim Ristau |
| 1 p.m. Prize | Bill Stewart K4JYS |
| 2 p.m. Prize | Kelly Wilson N8GUN |
| 3 p.m. Grand Prize | Ryne Swing KG4ZUI |



According to Joanne Mars, Dan W9EQ and his wife stopped by the youth lounge to try out the Van de Graaf generator. Dan's wife took a picture of the result! The project table is visible in the background.



Photo by Tom Lewis N4TL

For more pictures of RARSFest 2014, visit:

<https://www.flickr.com/photos/97551557@N08/sets/72157644279387524/>

It is very rewarding to see new hams enter the hobby and those who are already a part of the ham community upgrade their license class. We couldn't ask for a better team, and all are very much appreciated.

Join the Elmer List!

By Murray Merner, K4MHM
RARS Education Director

We all need a little help from time-to-time, especially when we are trying something new. This is true of the new Amateur Radio Operator (ARO) who is struggling with decisions about what radio antenna to use, FCC regulations, and on-air jitters. RARS has over 300 members, some of them are brand new hams and others need some specific help and friendly advice.

That new ARO has the desire to be successful and have fun in this rather technical avocation, and I'm sure that he or she would like to be able to talk to someone who is experienced, patient, and supportive. This inflow of new hams is the future of amateur radio and our club.

RARS has many experienced AROs and veteran members. We need to welcome, encourage, and support these new hams. When they come to our club they need to feel they are part of our amateur radio family. So when a new ham is introduced, make yourself known to them and find out a little about them too. And when they come back, say "Hi," introduce them to other members, sit with them.

Even better, be an **Elmer**. Elmers take the time to pass on



www.rars.org

2014 License Courses

By Murray Merner,
K4MHM, RARS
Education Director

The most recent Technician Class License course (pictured at right) had thirteen students. Two did not take the exam in the afternoon of the third session. Eight students passed the exam, with one going on to pass the General Class exam.

Three more courses will be offered during 2014:

General Course—3 days
Jul. 26, Aug. 2, 9

Extra Course—5 days
Oct. 4, 11, 18, 25, Nov. 1

Technician Course—3 days*
Nov. 15, 22, 29

**The new ARRL Technician license manual will be used.*

what they know to someone new to amateur radio. They are remembered by those they helped for years to come because they cared. RARS is an old and established club and therefore has a lot of experienced talent—a gold mine of Elmers. So what we need to do is to hook up those with the needs to those with the skills.

So in that vein, RARS Board of Directors is initiating an **Elmer List** that new AROs can use to contact for some expert advice. E-mail your name and



Photo by Murray Merner K4MHM

Also, with Thanksgiving on Nov. 27, we may adjust and have the last session on Dec. 6.

Locations have not yet been arranged. Times are usually 8:00 a.m. to 12:30 p.m.

An exam session is usually scheduled in the afternoon of the last course session.

All details will be provided prior to the course start date.

If you're interested in upgrading your ticket or know someone who wants to join in the fun of amateur radio, please contact Murray at

mmmm0320@gmail.com.

call sign to me with your interests, skills, experience and contact information so we can hook you up to someone who needs some sage advice. This may expand into something on our web page, but we will start here and see where that takes us.

To grow is to understand. Let's grow some great hams. Thanks!

To get on the list, contact me at mmmm0320@gmail.com.

By John Snell, AI4RT

On Saturday, April 5, 21 ham volunteers provided communications for two fundraising events, the MS Triangle Walk held in and around the PNC Arena in Raleigh and the Spring Fling cycling event in Morrisville. Both events are fundraisers for the National Muscular Sclerosis Society. Many thanks to the many hams who volunteered their help for these very worthwhile charitable events.



Riders in a hurry on the the 70 mile ride blow-by volunteers at Rest Stop #1... they will get plenty of riders on the way back to the finish line.

The hams who volunteered for the **MS Walk**:
 KK4BVR - Wade Gutreuter - Net Control and SAG*
 KK4HAO - Kenny Grabarczyk - Rest Stop
 KA9QJT - Brian Young - Shadow
 N4TXF - Dean Dzurovcin - Bicycle Mobile
 N0IAN - Ian Hewitt - Shadow
 KC4UQN - Bruce Buck - Shadow
 KG4FIQ - Larry Holt - Rest Stop
 KK4NUN - Kinney Barry - Rest Stop
 KM4EP - Jay Diepenbrock - SAG

The hams who helped with the **Spring Fling**:
 AI4RT - John Snellen - Net Control
 KK4VEK - John Daw - Net Control Liaison
 KD4AGQ - Dan Sears - Rest Stop
 KJ4TAL - Marisa Sears - Rest Stop
 AB4SL - Scott Lewis - SAG (Support And Gear)
 KB4PAM - Pam Lewis - Rest Stop
 K4YXM - Bob Chew - SAG
 KK4ETS - Mike Eckardt - SAG
 KK4OSI - Kenn Kubacki - SAG
 K2UCU - Tom Magnani - SAG
 K3RHJ - John Stone - SAG
 N4VQT - Rick Yost - MSV**

* Support and Gear

* *Motorcycle Support Vehicle



Above: Mike Eckardt KK4ETS in SAG 3 is busy, no doubt, studying the rules and regs of the Spring Fling event.



Above: Tom Magnani K2UCU was SAG 5.

At left: Kenn Kubacki KK4OSI, SAG 4, studying the Sector 2 route.



Photos Courtesy of NC Ham Public Service

RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings at www.rars.org/classifieds.php. The items below were listed within the last 30 days.

Henry 2K linear amplifier for sale

Posted April 25th, 2014

by: K4LXV

Contact: k4lxv@bellsouth.net

Floor Console Henry 2K linear amplifier for sale. Unit has 2, 3-400Z tubes, and Peter Dahl plate transformer. Rectifiers have been upgraded to solid state. \$1000.

Larry Young, K4LXV@bellsouth.net.
919-847-8558

RARSFest 2014, continued from p. 1

We have several prime opportunities for band captains this year including:

- 20M CW—The station is open for CW enthusiasts.
- 40M PH—40m Phone is a very active band during Field Day. This is a great chance to make numerous QSO's and is generally one of the highest scoring bands.
- GOTA (Get On The Air)—This station is for unlicensed, newly-licensed, and generally inactive hams to learn the ropes or refresh their skills on HF. It involves instruction on how to tune a SSB signal and make contacts on HF. It generally is active during "visiting hours" and is not necessarily a 24-hour station.
- Satellite—Bring out your gear. Again, probably not an all-nighter.

Setup begins on Friday, June 27, at 8:00 a.m., at 4501 Friendship Rd., Apex, NC.

The actual event begins on Saturday, June 28, at 2:00 p.m. and runs for 24 hours. Dinner is served on site at around 6:00 p.m. on Saturday.

2014 Meeting Topics

"VU7AG Lakshadweep Island 2003 DXpedition"

Krish Kanakasapathi W4VKU.....May 13

Field Day.....Jun. 10

Wireless Research Center & Antenna Design

Gerald Hayes, KE4QBT.....Jul 8

Email without the Internet - Winlink 2000

Frank Pleshe N3FRP.....Aug. 12

What is Electromagnetic Compatibility and Why is it Important?

Alan Knight AA4FU.....Sep. 9

Elections; Presentation TBD.....Nov. 11

Holiday Party.....Dec. 9

Titles, topics, and speakers subject to change. More information will be added throughout the year when it becomes available.

Many of the "usual suspects" will be returning for another fun-filled adventure at Field Day. There are still ample opportunities for new participants to become involved. There will be fun and fellowship for all ages.

If you have never participated in Field Day, please consider giving it a shot this summer. You won't leave disappointed.

If you need any further information or want to volunteer for a band captain position, please feel free to contact me at nc4dk@yahoo.com.



K4SAN and KC5PXW Operate 6 Meter SSB during Field Day 2002.

Photo by Bruce Buck KC4UQN

Minutes

General Membership Meeting Raleigh Amateur Radio Society April 8, 2014

1. **Call to order:** C.J. NC4CJ called the meeting to order at 7:34 p.m.
2. **Guests:** C.J. NC4CJ introduced our guests at the meeting:
 - a. Jim K4QPL
 - b. Charles Good (No Call)
 - c. Bob KS4CB
 - d. Sam KA4APE
3. **Approval of minutes:** The Minutes of the RARS General Membership meeting on March 11, 2014, were approved.
4. **Secretary's report (Bob K4YXM):** No report.
5. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that RARS has 320 members. Greg also reviewed our assets and summarized income and expenses regarding RARSFest. If anyone has any questions, please contact Greg KE4PAX or C.J. NC4CJ for further information.
6. **Door Prizes:** Winners were Bill N9JLP and John WB4DDK.
7. **Announcements:**
 - a. **Upcoming RARS events and hamfests:** C.J. NC4CJ reminded everyone to see the *Exciter* or the ARRL website for further information.
8. **Reports from RARS Board members and others:**
 - a. **RARSFest:** John AI4RT urged everyone to volunteer at RARSFest.
 - b. **Public Service:** John AI4RT asked people to review the schedule on the RARS website and sign up for events.
 - c. **Field Day:** Bob K4TTX said the last day to order Tee shirts is May 17.
 - d. **Education:** Murray K4MHM reviewed plans for upcoming Tech and General Classes. He is planning an Extra class in late summer.
9. **Any other business:** None.
10. **Program:** Jim Jordan K4QPL made a presentation on remote operation.
11. **Adjournment:** The meeting was adjourned at approximately 9:04 p.m.

Minutes

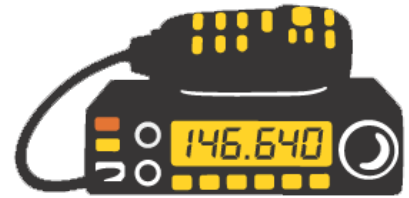
Board of Directors Meeting *Raleigh Amateur Radio Society* *March 18, 2014*

Present: Karl W4CHX, Bob K4YXM, C.J. NC4CJ, Murray K4MHM, Hank K4HM, Don WA4AVU, Greg KE4PAX, Tom N4TL, Joanne AK4RJ, John AI4RT, Chuck K4HF, Don WA4AVU

Guests: Selene KG4RMT, Raymond KK4OOQ

1. **Call to order (C. J. NC4CJ):** CJ NC4CJ called the meeting to order at 7:01 p.m.
2. **Approval of minutes (C.J. NC4CJ):** The Minutes of the previous Board Meeting (February 18, 2014) were approved as presented.
3. **Vice President's report (Tom N4TL):** Tim N4TL emailed a list of proposed programs for the coming year.
4. **Treasurer's report (Greg KE4PAX):** RARS currently has 317 members. If any RARS member has questions regarding the budget, please contact Greg KE4PAX or C.J. NC4CJ for more information.
5. **Secretary's report (Bob K4YXM):** No report.
6. **Committee Reports:**
 - a. **New Member experience (Murray K4MHM):** Murray invited Raymond KK4OOQ to the board meeting so Raymond could relate his experiences as a new member of RARS. There was considerable discussion about how we might help and encourage new member participation in club activities. ACTION: The at-large board members will sift through the ideas presented and begin to implement these ideas starting at the next general meeting.
 - b. **FM Repeater Chair (Karl W4CHX):** No report. ACTION: the repeater committee needs to report on what we should consider for replacement value for insurance purposes.
 - c. **Public service (John AI4RT):** There was one event in April and others scheduled throughout the summer months.
 - d. **Education (Murray K4MHM):** Next Tech class is scheduled for Wake Tech. Murray noted that the Tech license manual expires at the end of June. Murray also reported that Wake Tech has approached us about making our classes a part of their continuing education courses. Murray is completing an education plan for the year.

- e. **RARSFest Chair (John AI4RT):** There will be no special event station. We may have a QRP station. There will be two vehicles on display, One from Johnson Co. and ARES.
- f. **Exciter Chair (Cathy KA3QPU):** Please send articles.
- g. **Net Manager (Mary KG4OQA):** No report.
- h. **Webmaster Hank K4HM:** Hank is still reviewing “old web pages” and either correcting information or removing the pages. Hank will distribute links to Board member job descriptions.
- i. **ARRL Liaison (Chuck K4HF):** No report.
- j. **At-Large Director (Don WA4AVU):** No report.
- k. **At-Large Director (Jack N6UYB):** No report.
- l. **At-Large Director (Bill AK4BL):** No report.
- m. **W4DW/W4RNC Trustee (Jeff AC4ZO):** No report.
- n. **RARS VE Coordinators (Joe WA4GIR and Liz KO4CK):** No report.
- o. **North Carolina QSO Party (Marty W4MY):** No report.
- p. **Food service chair Joanne AK4RJ:** No report.



7. **Old business:** None.

8. **New business:**

- a. Murray K4MHM made a motion that “RARS buy three handbooks and Tech Manuals for each of the Wake Tech campuses; cost not to exceed \$260.” Chuck K4HF seconded the motion.

9. **Any other business:** None

10. **Board member’s comments:**

- a. C.J. NC4CJ announced that the next Board meeting would be at Ridge road.

11. **Adjournment (C.J. NC4CJ):** The meeting was adjourned at 9:04 p.m.

LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **Ham Public Service Net** meets every Wednesday at 7:30 p.m. and provides a forum and discussion platform for area clubs and individual hams to connect with and learn from other local hams who are interested in Ham Public Service. The HPSN is utilizing the Carolina 440 UHF Link System. The repeaters are also accessible through IRLP Reflector 9210, node 4270. The Ham Public Service North Carolina Yahoo Groups address is: www.groups.yahoo.com/group/hpsnc.

The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:00 p.m.

Join us every evening, except Saturdays, at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County AUXCOMM Training Net** meets Thursdays at 7:30 p.m. on the 146.88 repeater. This net provides amateur radio operators information and training related to emergency communications and for our served agencies, such as Wake County Emergency Management. Please join us. For more information please visit <http://wake.nc.auxcomm.us/>.



Want to be a Published Writer?

Do you like building ham radio equipment? Have figured out a way to get an antenna up in a neighborhood with covenants and restrictions? Did you participate in a marathon or bike-a-thon? How about sharing your interests, knowledge, and experience with other hams in the *Exciter*? We need both technical and non-technical articles for the *Exciter*. Short or long, we'll consider just about anything amateur radio-related.

To submit an article, just email your piece to the Editor (editor@rars.org). Please feel free to attach any appropriate pictures or graphics. Be sure to include caption information about the images and identify the people in photographs. And always obtain their permission to use their image.

We look forward to promoting our hobby and sharing information! Break out those pens, pencils, or keyboards and get writing!



RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 10 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.